




## Focus Occupation: **Structural Iron and Steel Workers (47-2221)**

Focus occupation: Structural Iron and Steel Workers	
Employment and Growth	320/ 8.1%
Ave. Monthly Wage	\$5,260
Education/Experience	High school diploma or equivalent

Advance FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Supervisors of Construction and Extraction Workers  (47-1011)	1	1,071/ 10.4%	HS/5 plus yrs	75

Transfer TO and FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Riggers (49-9096)	0	53/ 8.2%	HS	85

Advance TO Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Reinforcing Iron and Rebar Workers (47-2171)	-1	n/a	HS	100
Sheet Metal Workers (47-2211)	-1	344/ 5.8%	HS	78
Construction and Related Workers, All Other  (47-4099)	-2	662/ 11.4%	HS	81
Layout Workers, Metal and Plastic (51-4192)	-2	n/a	HS	70
Roustabouts, Oil and Gas (47-5071)	-2	1,600/ 6.8%	Any	80
Welders, Cutters, Solderers, and Brazers  (51-4121)	-2	751/ 10.3%	HS/under 1 yr	90
Engine and Other Machine Assemblers (51-2031)	-3	n/a	HS	70
Structural Metal Fabricators and Fitters (51-2041)	-3	99/ 10.0%	HS	96
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders (51-4122)	-3	34/ 6.3%	HS	75
Construction Laborers (47-2061)	-4	3,973/ 11.5%	Any	91

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**Important note:** A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O\*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.